

Title (en)
DECORATIVE SHEET

Title (de)
DEKORATIVE FOLIE

Title (fr)
FEUILLE DÉCORATIVE

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Abstract (en)
[origin: EP3900929A1] An object of the present invention is to provide a decorative sheet having improved scratch resistance under high load conditions. A decorative sheet of the present embodiment includes: a primary film layer (7); a transparent resin layer (1); and a surface protective layer (4), laminated in this order, wherein the surface protective layer (4) is formed of a plurality of layers, a layer of the surface protective layer (4) located on an outermost surface is a surface protective layer (4a), and a layer underlying the surface protective layer (4a) is a second surface protective layer (4b), the surface protective layer (4a) includes one or more ionizing radiation-curable resins having an erosion rate E in a range of 0.10 $\mu\text{m/g}$ or more and 0.45 $\mu\text{m/g}$ or less, and one or more thermosetting resins having an erosion rate E in a range of 0.30 $\mu\text{m/g}$ or more and 0.6 $\mu\text{m/g}$ or less, the erosion rate E being measured by using polygonal alumina powder having an average particle size (D50) of 1.2 μm , and a mass ratio between the ionizing radiation-curable resin and the thermosetting resin (ionizing radiation-curable resin/thermosetting resin) is 95/5 to 40/60.

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• [A] JP 2017007156 A 20170112 - TOPPAN PRINTING CO LTD
• See also references of WO 2020129983A1

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